

Weekly Metrics for August 18 - 24, 2002

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements *	Actual (GB)	Footnote
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	35	A, R
		L1 Prod	GSFC	400	1X Baseline	30	A, R
		Archive	GSFC	498	1X Baseline	65	A, R
	AMSR-E	L0 Ingest	NSIDC	10	1X Baseline	6	B
		L1 Ingest	NSIDC	10	1X Baseline	8	C
		L2-L3 Prod	NSIDC	12	0.5X Baseline	22	C
		Archive	NSIDC	32	Baseline	36	
	MODIS	L0 Ingest	GSFC	469	1X Baseline	503	
		L1 Prod	GSFC	2,498	1X Baseline	1,597	R
		L2-L4 Prod	MODAPS	801	0.5X Baseline	739	
		Archive	EDC	540	Baseline	391	
			GSFC	3,172	Baseline	2,413	R
			NSIDC	56	Baseline	36	
		Distribution <i>Testing/QA</i> <i>SIPS Production</i>	GSFC	362	IT Requirements	TBD TBD	Q Q
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	0.7	
ACRIMSAT (12/99)	ACRIM 3	Archive	LaRC	0.06	1X Baseline	0.01	D
Terra (12/99)	ASTER	L1A Ingest	EDC	680	1X Baseline	378	E
		L1B Ingest	EDC	271	1X Baseline	67	E
		L2-L3 Prod	EDC	1,203	3X Baseline	234	E
		Archive	EDC	2,154	Baseline	681	E
		Distribution <i>End Users</i>	EDC	1,352	1X Baseline	4,225	G, M, N, O, P
	CERES	Archive	LaRC	331	Baseline	1,835	
		Distribution <i>Testing/QA</i> <i>End Users</i>	LaRC	1,421	IT Requirements	48	
				117	1X Baseline	48	G, M, N, O
	MISR	L0 Ingest	LaRC	249	1X Baseline	250	
		L1 Prod	LaRC	3,323	3X Baseline	1,713	F
		L2-L3 Prod	LaRC	281	3X Baseline	49	F
		Archive	LaRC	3,853	Baseline	2,024	F
		Distribution <i>End Users</i>	LaRC	1,201	1X Baseline	174	G, M, N, O
	MODIS	L0 Ingest	GSFC	469	1X Baseline	498	
		L1 Prod	GSFC	7,494	3X Baseline	1,947	H, R
		L2-L4 Prod	MODAPS	14,254	3X Baseline	8,099	H, R
		Archive	EDC	8,606	Baseline (L2-L4)	2,024	H, I
			GSFC	12,772	Baseline (L0-L4)	8,494	H, I
			JPL	0	Baseline (L2-3)	24	
			NSIDC	839	Baseline (L2-L3)	44	H, I
		Distribution <i>End Users</i>	EDC				
		Distribution <i>Testing/QA</i> <i>SIPS Production</i>	GSFC	2,869	1X Baseline	2,159	G, M, N, O
		Distribution <i>End users</i>		362	IT Requirements	TBD TBD	Q Q
		Distribution <i>End Users</i>	JPL	4,101	1X Baseline	TBD	Q
		Distribution <i>End Users</i>		0	Baseline	11	
		Distribution <i>End Users</i>	NSIDC	280	1X Baseline	19	G, M, N
	MOPITT	L0 Ingest	LaRC	1.9	1X Baseline	1.9	

		L1 Prod	SIPS	1.7	3X Baseline	0	J
		L2 Prod	SIPS	1.7	3X Baseline	0	J
		Archive	LaRC	5.3	Baseline	2	J
		Distribution	LaRC				
		<i>End Users</i>		1	1X Baseline	7	G, M, N, O
Landsat-7 (4/99)	ETM+	Archive	EDC	1,071	250 Scenes	964	
		Distribution	EDC	58	ECS ICD	58	
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	JPL			2	
		Distribution	JPL	NA	NA	11	
QuikScat (6/99)	SeaWinds	Archive (L0+)	JPL			79	
		Distribution	JPL	109	Weekly Average	257	K
TOPEX (8/92)	Poseidon	Archive (L1+)	JPL			0	
		Distribution	JPL	24	Weekly Average	14	K
Other Missions	AVHRR	Archive (L2+)	JPL			27	
		Distribution	JPL	NA	NA	84	L

Notes:

- A. Includes data volumes for 3 instruments (AIRS, AMSU, and HSB). AIRS instrument suite was commanded to safe configuration on 8/22. No attempt will be made to restart normal operation until next week.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- C. AMSR-E L1 and L 2/3 products reported this week are the ones restaged at NSIDC for testing new ESDT long names and descriptors. They have the same data dates (7/17-7/23) as archived earlier in August. According to the Japanese plan, AMSR-E data will be released to the public on May 4, 2003.
- D. ACRIM data is not transmitted daily from ACRIM SIPS to LaRC DAAC.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
- F. Little reprocessing was done.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- H. Little reprocessing was done except for ocean products, as planned by MODIS science team. Reprocessing of the ocean products will be continued until October 2002.
- I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- J. According to plans, L1 and L2 data are not sent on a daily basis from the MOPITT SIPS to the DAAC.
- K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year. There is currently no media distribution for JASON and AVHRR SST products.
- L. Includes distribution of educational materials in addition to AVHRR SST.
- M. Does not include distribution by subscription
- N. Does not include distribution by subsetting tool
- O. Does not include distribution by data pool
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data, but distribution remains up as the free data backlog is being worked off.
- Q. Due to EDGRS software problem, this information is not available.
- R. GSFC DAAC systems were unavailable on 8/20 and 8/21, due to AMASS problems on g0drg02.

* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).